

STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
KANSAS	87 N-0135-01	2005	83	137

PAVEMENT PATCHING				
STATION	SIDE	TEMPORARY (S.Y.)	PERMANENT (S.Y.)	REMARKS
9+80.16 to 10+83.86	Lt.	171.0		Sanitary Sewer Line
10+71.86 to 10+83.86	℄	56.3		Water Line
14+68.60 to 14+85.70	℄	85.0		Sanitary Sewer Line
30+34.80 to 35+66.17	Rt.		472.3	Water Line
37+86.54 to 44+08.77	Rt.		553.1	Water Line
47+06.47 to 47+22.47	℄	80.6		Sanitary Sewer Line
47+06.47 to 47+22.47	Lt.		34.2	Sanitary Sewer Line
TOTAL		392.9	1059.6	

MEDIAN PAVERS		
LOCATION	QUANTITY (SQ.FT.)	REMARKS
60+73.08 to 62+21.59	291.52	Central
TOTAL	291.52	

BRICK PAVER CROSSWALK				
STATION	SIDE	CONC. PAVING BRICK (SQ.FT.)	8" CONC. BASE (SQ.FT.)	REMARKS
CENTRAL:				
36+06.56 to 37+15.93	℄	2,269.35	2,269.35	
TOTAL		2,269.35	2,269.35	

MODULAR CONCRETE RETAINING WALL			
LOCATION	SIDE	UNIT (S.Y. FACE)	REMARKS
18+00.0 to 19+00.0	Rt.	38.0	Central
20+20.1 to 21+50.0	Rt.	40.2	Central
56+00.55 to 56+33.26	Rt.	4.0	Central
TOTAL		82.2	

SODDING (FOR INFORMATION ONLY)			
LOCATION	SIDE	SOD (S.Y.)	REMARKS
CENTRAL:			
10+83.86 to 36+53.21	Lt.	1,423.7	
10+83.86 to 36+53.21	Rt.	627.6	
36+53.21 to 62+21.59	Lt.	1,800.4	
36+53.21 to 62+21.59	Rt.	1,635.4	
TOTAL		5,487.1	

SANITARY SEWER					
LOCATION	12" (L.F.)	15" (L.F.)	TYPE P MH (EACH)	FLOWABLE FILL (L.F.)	REMARKS
Line 1	28.92	128.06	5	78.1	Sta. 15+00 (Central)
Line 2	490.77			486.8	Sta. 9+82 to 14+73 (Central)
Line 3		124.52		107.9	Sta. 47+50 (Central)
TOTAL	519.69	252.58	5	652.0	

SURVEY MONUMENT (BY OTHERS)			
STATION	SIDE	QUANTITY EACH	REMARKS
36+53.21	CL	1	S 1/4 Corner Sec. 13, T27S, R1E
TOTAL		1	

JOINT SEALING/SAWING/CLEANING				
LOCATION	SIDE	CLEAN & SEAL * CONC. JOINTS (L.F.)	SAW & SEAL ASPH. JOINTS (L.F.)	REMARKS
30+35 to 35+66		4,104	4,104	
37+74 to 44+08		6,008	6,008	
TOTAL		10,112	10,112	

\* JOINTING FOR NEW CONCRETE PAVEMENT IS SUBSIDIARY TO CONCRETE PAVEMENT BID, ITEMS.

\*\* ASPHALT JOINTS ABOVE EXISTING AND NEW CONCRETE PAVEMENT SHALL BE SAWED AND SEALED.

SIDEWALK CONSTRUCTION (AE)				
STATION TO STATION	SIDE	4" (SQ. FT.)	WHEELCHAIR RAMP (EACH)	REMARKS
CENTRAL:				
10+85.10 to 32+37.02	Lt.	7,091.96	5	
10+94.0 to 11+09.0	Rt.	117.73		WTA BUS PAD
12+91.72 to 34+33.23	Rt.	7,293.48	10	
35+47.64 to 36+23.03	Lt.	400.34	2	
35+16.0 to 35+31.0	Lt.	237.10		WTA BUS PAD
35+98.68 to 36+17.49	Rt.	150.11	2	
36+93.95 to 37+12.30	Rt.	123.43	2	
37+10.68 to 37+73.28	Lt.	488.45	2	
41+91.51 to 62+19.54	Lt.	8,094.89	2	
44+04.48 to 62+21.59	Rt.	6,488.68	6	
60+90.0 to 61+05.0	Lt.	247.10		WTA BUS PAD
EDGEMOOR:				
11+20.81 to 11+29.70	Lt.	41.32		
TOTAL		30,774.59	31	

REINFORCED CRUSHED ROCK BASE					
LOCATION	CRUSHED ROCK BASE (5") (SQ.YD.)	CRUSHED ROCK BASE (6") (SQ.YD.)	CRUSHED ROCK BASE (7") (SQ.YD.)	CRUSHED ROCK BASE (8") (SQ.YD.)	REMARKS
STATION TO STATION					
CENTRAL:					
10+83.86 to 14+71.71				2,714.95	Mainline
14+71.71 to 14+84.81	91.72				East Approach Slab
15+18.34 to 15+31.45	91.72				West Approach Slab
15+31.45 to 30+34.80				10,423.28	Mainline
30+34.80 to 32+20.32		150.92			Pavement Widening
30+34.80 to 34+25.49		304.90			Pavement Widening
41+91.51 to 44+08.38		107.42			Pavement Widening
44+08.38 to 62+21.59				15,179.89	Mainline
SIDERoads:					
13+36.79			168.17		Bleckley Dr.
16+63.36			214.92		Harding St.
19+94.44			221.21		Battin (South)
19+95.12			166.44		Battin (North)
23+26.70			167.18		Pinecrest
25+57.29			251.75		Old Manor
29+89.85			166.66		Parkwood
36+53.21		2,257			Edgmoor Intersection
42+53.93			347.51		Carriage Parkway
46+74.70			179.48		Brookside
48+15.76			199.46		Brookside
60+04.62			168.42		Hillcrest
TOTAL	183	2,820	2,173	28,318	

ASPHALT MILLING (3 1/2" Nominal)		
LOCATION	QUANTITY (SQ.YD.)	REMARKS
30+34.80 to 35+66.17	3,025.05	Central
37+86.54 to 44+08.38	4,488.92	Central
TOTAL	7,513.97	

RECAPITULATION OF QUANTITIES		
BID ITEM (LUMP SUM)	QUANTITY	UNIT
<b>ROAD ITEMS:</b>		
Pavement Removal	28,101	S.Y.
Common Excavation	7,020	C.Y.
Compacted Fill (90% Density)	125	C.Y.
Compacted Fill (95% Density)	5,615	C.Y.
A.C. Pavement (2" Wearing Surface)	33,495	S.Y.
A.C. Pavement (5" Bit. Base Course)	25,676	S.Y.
A.C. Pavement (1 1/2" Bit. Base Course)	7,514	S.Y.
Concrete Pavement (9")(NRDJ)(AE)	2,229	S.Y.
Concrete Pavement Widening(8")(NRDJ)(AE)	306	S.Y.
Approach Slab (10")(Unif.)(AE)	178	S.Y.
RCVG Pavement (8")	2,058	S.Y.
Curb and Gutter, Combined (Type I, II)(AE)	7,574	L.F.
Curb and Gutter, Combined (Type III)(AE)	292	L.F.
Reinforced Crushed Rock Base (8")	28,318	S.Y.
Reinforced Crushed Rock Base (7")	2,173	S.Y.
Reinforced Crushed Rock Base (6")	2,820	S.Y.
Reinforced Crushed Rock Base (5")	183	S.Y.
Asphalt Hook-up	194	S.Y.
Cold Milling Asphalt Pavement (3 1/2" nom.)	7,514	S.Y.
Concrete Deck Milling	164	S.Y.
Silica Fume Overlay	164	S.Y.
Wheelchair Ramp	31	EACH
Modular Concrete Retaining Wall	83	S.Y.Face
Brick Pavers (Crosswalk)	2,277	S.F.
Brick Pavers (Median)	292	S.F.
Manhole Adjustment	4	EACH
Manhole Adjustment (Non-Participating)	1	EACH
Valve Adjustment	2	EACH
15" Storm Sewer (RCP)	291	L.F.
18" Storm Sewer (RCP)	649	L.F.
24" Storm Sewer (RCP)	818	L.F.
5.1 s.f. Storm Sewer (RCP)	174	L.F.
6.3 s.f. Storm Sewer (RCP)	777	L.F.
Type I Curb Inlet (5' opening)	2	EACH
Type I Curb Inlet (10' opening)	1	EACH
Type I Curb Inlet (15' opening)	2	EACH
Type I-A Curb Inlet (5' opening)	6	EACH
Type I-A Curb Inlet (10' opening)	3	EACH
Type II Curb Inlet	2	EACH
Inlet Hook-up	18	EACH
Driveway Grated Inlet	1	EACH
Reinforced Concrete Manhole (5'x11')	2	EACH
Manhole (5')	6	EACH
Manhole (4')	1	EACH
Inlet Retrofit	1	EACH
Install Manhole Top	1	EACH
Replace Inlet Top	1	EACH
Concrete Collar	1	EACH
Sand Backfill, Jetted and Vibrated	2,709	L.F.
Transport of Salvaged Materials (Non-Participating)	1	L.S.
<b>BRIDGE ITEMS:</b>		
Grade 31 Concrete (AE)	492	C.Y.
Reinforcing Steel (Grade 420)(Epoxy Coated)	91,050	LBS.
Bridge Handrail (Steel)	192	L.F.
Bridge Plaque (Non-Participating)	2	Each
<b>MISCELLANEOUS ITEMS:</b>		
Clearing and Grubbing	1	L.S.
Removal of Existing Structures	1	L.S.
Site Restoration	1	L.S.
Field Office and Laboratory (Type A)	1	EACH
Mobilization	1	L.S.
Mobilization (DBE)	1	L.S.
<b>TEMP. PROJECT WATER POLL. CONTROL ITEMS:</b>		
Erosion Control BMP	1	L.S.
<b>SODDING ITEMS:</b>		
Sodding	1	L.S.
<b>TRAFFIC SIGNAL ITEMS:</b>		
Traffic Signal Installation	1	L.S.
2" RGC Interconnect Conduit	4,756	L.F.
Traffic Signal Interconnect Cable (6-pr.)	4,756	L.F.
Junction Box	32	EACH
<b>PAVEMENT MARKING ITEMS:</b>		
Pavement Marking	1	L.S.
<b>SIGNING ITEMS:</b>		
Traffic Signing	1	L.S.
Street Name Signing (Non-Participating)	1	L.S.
<b>TRAFFIC CONTROL ITEMS:</b>		
Traffic Control	1	L.S.

RECAPITULATION OF QUANTITIES		
MEASURED QUANTITY BID ITEMS:	QUANTITY	UNIT
<b>ROAD ITEMS:</b>		
Sidewalk Removal	60,076	S.F.
2" Asphalt Overlay	20,000	S.Y.
1" Asphalt Overlay	20,000	S.Y.
Concrete Pavement (8")	35,082	S.F.
RCVG Pavment (8")	172	S.Y.
Sidewalk Construction (4")(AE)	30,775	S.F.
Sidewalk Repair	2,100	S.F.
Area Prepared for Patching	45	S.Y.
Clean and Re-seal Concrete Joints	10,112	L.F.
Saw and Seal Asphalt Joint	10,112	L.F.
<b>SANITARY SEWER BID ITEMS (LUMP SUM)</b>		
<b>SANITARY SEWER ITEMS:</b>		
Manhole (Type P)	5	EACH
12" Sanitary Sewer	520	L.F.
15" Sanitary Sewer	253	L.F.
Flowable Fill	652	L.F.
Replace Frame and Lid	2	EACH
<b>MEASURED QUANTITY BID ITEMS:</b>		
Pavement Patch (Temporary)	337	S.Y.
Pavement Patch (Permanent)	35	S.Y.
<b>WATER BID ITEMS:</b>		
<b>MEASURED QUANTITY BID ITEMS:</b>		
2" Water Pipe	66	L.F.
4" Water Pipe	84	L.F.
4" DICL Pipe	4	L.F.
6" Water Pipe	22	L.F.
6" DICL Pipe	48	L.F.
8" Water Pipe	5,725	L.F.
8" DICL Pipe	123	L.F.
24" DICL Pipe	80	L.F.
16" Steel Casing	90	L.F.
4" Anchor Valve Assembly	1	EACH
6" Anchor Valve Assembly	4	EACH
8" Anchor Valve Assembly	20	EACH
FH Assembly	11	EACH
2" Blowoff Assembly	6	EACH
2" Service Outlet Assembly	2	EACH
2" Service and Set	1	EACH
Short Service	34	EACH
Long Service	48	EACH
Flowable Fill	1,944	L.F.
Pavement Patch (Temporary)	57	S.Y.
Pavement Patch (Permanent)	1,036	S.Y.

FOR UTILITY ADJUSTMENT SUMMARY SEE PLAN SHEETS  
 FOR BRIDGE DECK OVERLAY QUANTITIES SEE SHT. NO. 29.  
 FOR STORM SEWER SUMMARY OF QUANTITIES SEE SHT. NO. 37-38  
 FOR SEEDING (SODDING) AND BMP SUMMARY OF QUANTITIES SEE SHEET NO. 59  
 FOR TRAFFIC SIGNAL SUMMARY OF QUANTITIES SEE SHT. NO. 89  
 FOR PAVEMENT MARKING SUMMARY OF QUANTITIES SEE SHT. NO. 74  
 FOR SIGNING SUMMARY OF QUANTITIES SEE SHT. NO. 78